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## "Fauna Lepidopterologica Volgo-Uralensis" 150 years later: changes and additions. Part 7. Pyrales et Pterophores

(*Insecta, Lepidoptera*)

by

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**Summary:** 403 species of Pyrales et Pterophores belonging to 8 families (Pyralidae, Galleriidae, Pyraustidae, Crambidae, Phycitidae, Pterophoridae, Alucitidae, Thyrididae) are listed for the modern Volgo-Ural fauna. 264 species are recorded from the region in addition to EVERSMANN's list of 1844. Some dozens species more are expected to be found in the Region under this study in the nearest future.

### Introduction

This paper is the seventh in a series of publications<sup>1</sup> dealing with the composition of the present-day fauna of pyraloid moths and their relatives in the Middle Volga and the south-western Cisurals. This region comprises of the administrative divisions of Astrakhan-, Volgograd-, Saratov-, Samara-, Uljanovsk-, Orenburg-, Uralsk- and Atyraus-(= Gurjev) Districts, together with Tataria and Bashkiria. As was accepted in previous parts of this series, only material reliably labelled and spanning the last 25 years was used for this study. The main collections are those of the authors: V. ANIKIN (Saratov and Astrakhan Distr.) and S. SACHKOV (Samara Distr.), V. ZOLOTUHIN (Uljanovsk Distr.) and P. USTJUZHANIN (Russia as a whole). For the same territories we also made use of literature data, i.e. for Uralsk Distr. (KUZNETSOV & MARTYNova, 1954). All the data from the 19th and early 20th centuries was taken into account but only as a reference (KRULIKOVSKY, 1915; SHCHERBINOVSKY, 1919; see also other parts of this series). Whilst completing the list we also took advantage of information from recent papers on this region (ANIKIN, 2000; IVINSKIS, 1986; KUMAKOV & KORSHUNOV, 1979; SACHKOV, 1983, 1998, 1999; SINEV, 1990a, b; USTJUZHANIN, 1994, 2000; SACHKOV et al., 1996; ZOLOTUHIN & ROKHLETSOVA, 2002) and from recent monographs—especially taxonomic ones (ARENBERGER, 1995; GIELIS, 1996; BLESZYNski, 1965; ROESLER, 1971) which were partly critically reviewed and revised. The material in the collections of the Zoological Institute of the Russian Academy of Sciences at St. Petersburg, Novosibirsk Biology and Soil Institute (under curatorship of V. V. DUBATOLOV) and partly of the Moscow State University (under curatorship of E. M. ANTONOVA) have also been examined for our study. Also the private collections of V. KUPAYEV (Samara) and D. KOMAROV (Volgograd) were studied, to whom we express our sincere thanks. We also owe special thanks to the curator of the Lepidopteran collection at the Zoological Museum of the Russian Academy of Science Dr. A. K. ZAGULAJEV and Dr. S. Yu. SINEV (St.Petersburg) for a help in our work with

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For the ease of use, information is given in the form of a table, with the principal data of all species mentioned from the Volgo-Ural region. Many localities have been renamed during the last 150 years, the most important ones being listed below:

Uralsk – later Chkalov – now Uralsk

Samara – later Kujbyshev – now Samara

Simbirsk – now Uljanovsk

Sarepta – now Krasnoarmejsk of the Volgograd District

Waskuntschatskoi – usually noted as Baskunchak (Astrakhan District)

Zarizyn or Tsarizyn – later Stalingrad – now Volgograd.

Note: Spassk, usually interpreted as EVERSMANN's estate not far from Orenburg really might be also a town that disappeared under Volga's water during the erection of hydro-electric power stations and following increasing of waters area. Before that Spassk had been situated at about 82 km ESE of Kasan on the left bank of the Volga.

#### Notes on the table

##### column 1: Species number

– species is deleted from the list

##### column 2: Species name

##### column 3: Species listed by EVERSMANN (1844) within the regional limits of that territory

##### column 4–10: Administrative units

4 Astrakhan District (centre is Astrakhan)

5 Volgograd district (Volgograd)

6 Saratov district (Saratov)

7 Samara district (Samara)

8 Uljanovsk district (Uljanovsk)

9 Bashkiria (Ufa)

10 Uralsk district (Uralsk)

+ species is present

– species not found during this study

? species is known from old or doubtful data

o type locality

##### column 11: Flight periods

IV–XI – months

b, m, e – beginning, middle, end of month

1 (2) G – species develops 1 (2) generation(s)

W – winter hibernation

##### column 12: Comments and larval foodplants

L larval foodplants, \*indicating original data

TL type locality

E EVERSMANN

N	Species	E V E R R S M A N N	A S T R G O T R A V A A N D	V O L R A A T R O A V S K	S A A R A O N K I R I K	S U M J A H N V S K	B A S L A H K R I	U R A L S K I A	Flight period	Comments	
1	2	3	4	5	6	7	8	9	10	11	12

## Pyralidae

1. *Aglossa pinguinalis* LINNÆUS, 1758 + - - + + + - + VI-mVII in 1 G Populated areas. Harmes hay, dry leaves, also in litter of nests. L: detritus.
2. *Aglossa cuprealis* HÜBNER, 1809 - - - + - - - - VII-VIII in 1 G Steppe regions. L: detritus.
3. *Synaphe moldavica* ESPER, 1789 + - - + - - - + V-VIII in 1 G L: on the roots of cereals. Was cited by E. as *Pyralis Netricalis*.
4. *Synaphe bombycalis* DENIS & SCHIFFERMÜLLER, 1775 + - - + - + - - VII in 1 G Not rare but local in steppes. L: *Lotus corniculatus*\*.
5. *Synaphe punctalis* FABRICIUS, 1775 + - - - + - - - mVI-mVII Forest-steppe. L: *Lotus corniculatus*. in 1 G
- (= *angustalis* DENIS & SCHIFFERMÜLLER, 1775)
6. *Synaphe connectalis* HÜBNER, 1796 + - - + + - - VI in 1 G Very rare. Steppes, waste grounds.
- *Actenia brunnealis* TREITSCHKE, 1829 - - - - ? - - - Erroneous definition. Here the species is deleted from the list.
7. *Pyralis regalis* DENIS & SCHIFFERMÜLLER, 1775 + - - - + + - VII-mVIII in 1 G Broad-leaved forests, parks and cities. L: detivorous.
8. *Pyralis farinalis* LINNÆUS, 1758 - + + + + - + I-XII in 3-4 G Populated areas mainly. L: food-stuffs, herbariums, detritus.
9. *Pyralis pernivalis* HERRICH-SCHÄFFER, 1849 (= *lucidalis* EVERSMANN) + - - - - - - ? Was cited by E. as *Asopia Lucidalis* Evm. No fresh material at our disposal.
10. *Pyralis lienigialis* ZELLER, 1843 (= *fimbrialis* DENIS & SCHIFFERMÜLLER, 1775) + - - - - - - + ? Populated areas mainly, threshing-floors. Was noted by E. as *Asopia Fimbrialis*. L: hayricks and strawricks, harmes food-stuffs also.
11. *Hypsopygia costalis* FABRICIUS, 1775 + - - + + - + eVI-VII, IX Forest edges, populated areas. Common. L: dry grasses, hay.
12. *Orthopygia glauccinalis* LINNÆUS, 1758 + - - + + + - VI-VIII in 1 G Forest meadows, edges.
13. *Orthopygia rubidalis* DENIS & SCHIFFERMÜLLER, 1775 - - - + ? - - + VII in 1 G Was noted by KRULIKOVSKY (1915) from Sergievsk (Samara Distr.).
14. *Palmitia massilialis* DUPONCHEL, 1833 - - - + - + - + VI-VIII in 1 G Common to rare in dry biotopes.

1	2	3	4	5	6	7	8	9	10	11	12
15. <i>Endotricha flammealis</i> DENIS & SCHIFFERMÜLLER, 1775		-	+	+	+	+	+	-	-	eVI-VII in 1 G	Forest edges, forest meadows. L: grass detrit.
		9	2	2	12	8	8	4	7		
<b>Galleriidae</b>											
16. <i>Lamoria anella</i> DENIS & SCHIFFERMÜLLER, 1775		+	+	-	+	+	+	-	-	mVII- mVIII in 1 G	Meadow-steppe biotopes. In some years it is common.
17. <i>Galleria mellonella</i> LINNAEUS, 1758		+	-	-	+	+	+	-	-	VII-IX in 1-3 G	Populated areas mainly. L: In the nest of social insects, harnes hon- eycomb. Was sited by E. as <i>Galleria</i> <i>Cereella</i> .
18. <i>Aphomia sociella</i> LINNAEUS, 1758		+	-	-	?	?	+	-	-	V-IX in 2-3 G	Populated areas mainly. Was noted by KRULIKOVSKY (1915) from Sergievsk (Samara Distr.). L: nests of bees, wasps, birds.
19. <i>Melissoblaptes zelleri</i> DE JOANNIS, 1932		-	-	-	+	+	+	-	-	VII in 1 G	Meadow-steppe biotopes. L: detritivorous.
20. <i>Achroia grisella</i> FABRICIUS, 1794		-	?	-	+	-	-	-	-	V-IX in 3-4 G	Populated areas mainly. L: in hive on wax and nests of social insects or nests of birds.
		3	2	0	5	4	4	0	0		
<b>Pyraustidae</b>											
21. <i>Gesneria centuriella</i> DENIS & SCHIFFERMÜLLER, 1775		-	-	-	+	-	-	-	-	VII-VIII in 1 G	Rare in forest-steppe.
22. <i>Eudonia mercurella</i> LINNAEUS, 1758		+	-	-	-	+	+	-	-	VII-VIII in 1 G	Broad-leaved forests, forest-steppe. L: mosses.
23. <i>Eudonia murana</i> CURTIS, 1827		-	-	-	+	-	+	-	-	VI-VIII in 1 G	Forests. L: mosses.
24. <i>Eudonia truncicolella</i> STAINTON, 1849		-	-	-	-	-	+	-	-	VI-VIII in 1 G	Forests. L: mosses.
25. <i>Dipleurina lacustrata</i> PANZER, 1804 (= <i>craetaegella</i> HÜBNER, 1796)		-	-	-	+	+	+	-	-	VII-VIII in 1 G	Forest-steppe. L: mosses.
26. <i>Scoparia sibirica</i> LEDERER, 1775		-	-	-	?	-	-	-	-	?	This record should be confirmed.
27. <i>Scoparia pyralella</i> DENIS & SCHIFFERMÜLLER, 1775 (= <i>dubitalis</i> HÜBNER, 1796; = <i>arundinalis</i> THUNBERG, 1792)		+	-	-	+	+	+	-	-	VI-VII in 1 G	Was cited by E. as <i>Hercyna</i> <i>Dubitalis</i> . Leaf-bearing forests.
28. <i>Scoparia ingratella</i> ZELLER, 1846		-	-	-	-	+	+	-	-	VI-VII in 1 G	Forest-steppe and deciduous forests.
29. <i>Scoparia cembrella</i> LINNAEUS, 1761		-	-	-	-	+	+	-	-	VI-VII in 1 G	Forests and forest-steppe.

1	2	3	4	5	6	7	8	9	10	11	12
30.	<i>Scoparia basistrigalis</i> KNAGGS, 1866	-	-	-	-	+	+	-	-	VI-VII in 1 G	Forest-steppe. Rare.
31.	<i>Parapoynx stratiotata</i> LINNAEUS, 1758	+	+	+	+	+	+	-	-	VII-VIII in 1 G	Not far from aquatic biotopes. L: on aquatic plants under water. Was listed by E. as <i>Nymphula Stratiotata</i> .
32.	<i>Parapoynx nivalis</i> DENIS & SCHIFFERMÜLLER, 1775	+	-	-	-	-	-	-	-	V-VII in 1 G	Was noted by E. as <i>Nymphula Nivealis</i> .
33.	<i>Nymphula stagnata</i> DONOVAN, 1806	+	+	+	+	-	+	-	+	VI-VIII in 1 G	Near the water biotopes. L: <i>Sparganium</i> . Was cited by E. as <i>Nymphula Potamogalis</i> .
34.	<i>Kasania arundinalis</i> EVERSMANN, 1842	+	+	+	+	-	-	+	+	VII in 1 G	Near the water biotopes. L: on aquatic plants. LT: Kazan.
35.	<i>Cataclysta lemnata</i> LINNAEUS, 1758	+	+	+	-	+	+	+	+	VI-IX in 1 G	Not far from water biotopes L: <i>Lemna</i> . LT for <i>C. lemnata</i> confirmata KRULIKOVSKY, 1909 is Vjatka, Ufa and Kazan.
36.	<i>Elophila nymphaeaeta</i> LINNAEUS, 1758	+	+	+	+	+	+	-	+	VI-VII in 1 G	Next door to aquatic biotopes. L: <i>Nymphaea</i> , <i>Potamogeton</i> , <i>Nuphar</i> , Hydrocharitaceae. Was listed by E. as <i>Nymphula Nymphaealis</i> .
37.	<i>Schoenobius forficellus</i> THUNBERG, 1794	+	-	-	+	-	+	-	-	VI-VIII in 1 G	Near water biotopes. L: <i>Glyceria</i> , <i>Carex</i> .
38.	<i>Schoenobius gigantellus</i> DENIS & SCHIFFERMÜLLER, 1775	+	+	+	+	-	-	-	+	VI-VIII in 1 G	Near water biotopes. L: <i>Phragmites</i> .
39.	<i>Donacula mucronella</i> DENIS & SCHIFFERMÜLLER, 1775	+	+	-	+	-	-	-	-	VI-VIII in 1 G	Near water biotopes mainly. L: <i>Carex</i> , <i>Glyceria</i> , <i>Phragmites</i> .
40.	<i>Scirpophaga praelata</i> SCOPOLI, 1763	-	+	+	+	+	-	-	-	VI in 1 G	Near water biotopes. L: <i>Uncus</i> .
41.	<i>Scirpophaga xanthopygata</i> SCHAWERDA, 1922	-	-	+	-	-	+	-	-	? VII in 1 G	Very local near by the water.
42.	<i>Evergestis aenealis</i> DENIS & SCHIFFERMÜLLER, 1775	+	-	-	+	+	-	-	+	V-VIII in 1 G	Meadows, forest edges. L: Brassicaceae.
43.	<i>Evergestis sophialis</i> FABRICIUS, 1787	+	-	-	-	-	-	-	-	VI-VII in 1 G	Mountain species, in the region it is known only from the Ural Mts. L: Brassicaceae.
44.	<i>Evergestis frumentalis</i> LINNAEUS, 1761	+	+	+	+	+	+	-	+	V-VII in 1 G	Steppes, stepped meadow, waste grounds. L: <i>Sisymbrium</i> , <i>Brassica</i> , <i>Isatis</i> .
45.	<i>Evergestis spiniferalis</i> STAUDINGER, 1900	-	-	-	-	+	+	-	-	mV-bVI, b-mVIII in 2 G	Not common and local in steppes. First observation from European Russia. L: unknown.
46.	<i>Evergestis limbata</i> LINNAEUS, 1767	-	-	-	+	+	-	-	-	VII-VIII in 1 G	Forest-steppe, stepped meadows, not common. L: <i>Sisymbrium</i> , <i>Alliaria</i> , <i>Isatis</i> .

1	2	3	4	5	6	7	8	9	10	11	12
47.	<i>Evergestis forficalis</i> LINNAEUS, 1758	+ - - + + - - -							V-VI, VII-IX in 2 G	Steppe biotopes, populated areas, especially in kitchen gardens. L: <i>Brassica</i> , <i>Raphanus</i> *, <i>Armoracia</i> , <i>Sisymbrium</i> *	
48.	<i>Evergestis pallidata</i> HUFNAGEL, 1769	+ - - - + + - +							VI-mVIII in 1 G	Forest-steppe. Rare and local. L: Brassicaceae. Was listed by E. as <i>Scopula Stramentalis</i> .	
49.	<i>Evergestis extimalis</i> SCOPOLI, 1763	+ - + + + + - +							VI-VIII in 1 G	Meadows, forest edges, glades. L: <i>Sisymbrium</i> , <i>Thlaspi</i> , <i>Brassica</i> , <i>Raphanus</i> , other Brassicaceae. Was cited by E. as <i>Scopula</i> <i>Margaritalis</i> .	
50.	<i>Orenaia alpestralis</i> FABRICIUS, 1794	+ - - - - - - - - ?								Mountain species (Ural Mts.). Biology unknown.	
51.	<i>Reskovitsia alborevulalis</i> EVERSMANN, 1844	+ - - - - - - - o							IV-VII in 1 G	Mountain species. LT: Ural.	
52.	<i>Cynaeda dentalis</i> DENIS & SCHIFFERMÜLLER, 1775	+ - ? + - + - -							VI-IX in 1 G	Not common and local in steppes.	
53.	<i>Cynaeda forsteri</i> DE LATTIN, 1951	- - - - - - - o							9.VII.192 7	LT: Ural, Guberla. Known only from the types.	
54.	<i>Eurrhypis pollinalis</i> DENIS & SCHIFFERMÜLLER, 1775	+ - - + + + - +							V-VI in 1 G	Forest-steppe. L: <i>Aristolochia</i> <i>clematitis</i> *	
55.	<i>Eurrhypis sartalis</i> HÜBNER, [1813]	- - o - - - - -								LT.: Sarepta. No fresh material at our disposal.	
56.	<i>Titanio normalis</i> HÜBNER, 1796	+ - - + + + - +							V-VIII in 1 G	Steppes and stepped meadows. L: <i>Convolvulus</i> .	
57.	<i>Titanio originalis</i> HERRICH-SCHÄFFER, 1860	- + o - - - - -							bV in 1 G	Deserted steppes.	
58.	<i>Titanio cacuminalis</i> EVERSMANN, 1844	- - - + - - - -							V in 1 G	Very rare.	
59.	<i>Metaxmeste schrankiana</i> HOCHENWARTH, 1785	- - - + - - - -							V-VI in 1 G	Mountain species. Very rare.	
60.	<i>Atralata albofascialis</i> TREITSCHKE, 1829	+ - + + + + - -							V-bVI, VIII-IX in 2 G	Steppes, stepped meadows and meadow steppes. L: <i>Inula</i> .	
61.	" <i>Atralata</i> " <i>ledereri</i> STAUDINGER, 1870	- - - - - + - -							mV-VI in 1 G	Chalk-hills in forest steppes, very local. Generic affiliation is not clear. L: <i>Hieracium</i> *. First observation from Russia.	
62.	<i>Aporodes floralis</i> HÜBNER, [1809]	- + + + - + - +							VI-VIII in 1 G	Not common and local in steppes. L: <i>Convolvulus</i> .	
63.	<i>Aeschremont conchylialis</i> CHRISTOPH, 1872	- - o - - - - - ?								LT: Sarepta. No fresh material at our disposal.	
64.	<i>Anthophilopsis baphialis</i> STAUDINGER, 1871	- - - + - - - -							VI-VII in 1 G	Dry steppes and semideserts.	
65.	<i>Anthophilopsis moeschleri</i> CHRISTOPH, 1862	- - - o - - - -							VII in 1 G	Dry steppes and semideserts. LT: ?Sarepta.	

1	2	3	4	5	6	7	8	9	10	11	12
66.	<i>Pyrausta cingulata</i> LINNAEUS, 1758	+	-	-	-	-	-	-	V-VIII in 1-2 G	Meadows and forest edges. L: <i>Thymus</i> , <i>Salvia</i> .	
67.	<i>Pyrausta nigrata</i> SCOPOLI, 1763	-	-	-	+	-	-	-	V-VIII in 1-2 G	Meadows. L: Lamiaceae.	
68.	<i>Pyrausta sanguinalis</i> LINNAEUS, 1767	+	-	+	+	+	+	-	V-VIII in 1-2 G	Stepped meadows and forest-steppe. L: <i>Salvia</i> , <i>Thymus</i> .	
69.	<i>Pyrausta castalis</i> TREITSCHKE, 1829	+	-	-	-	-	+	-	VII-VIII in 1 G	Steppes; rare and local.	
70.	<i>Pyrausta porphyralis</i> DENIS & SCHIFFERMÜLLER, 1775	+	-	-	-	-	-	-	V-VIII in 1-2 G	Meadows, forest-steppe, forest meadows and edges. L: <i>Origanum vulgare</i> , <i>Mentha aquatica</i> , <i>Helichrysum</i> .	
71.	<i>Pyrausta obfuscata</i> SCOPOLI, 1763	+	-	-	-	+	-	-	V-VIII in 1-2 G	Was cited by E. as <i>Atrosanguinalis</i> Evm.	
72.	<i>Pyrausta purpuralis</i> LINNAEUS, 1758	+	-	+	+	+	+	-	+ V-IX in 2 G	Meadows, forest edges. L: Lamiaceae and others. Was noted by E. as <i>Punicealis</i> .	
73.	<i>Pyrausta aurata</i> SCOPOLI, 1763	-	-	+	+	+	+	-	V-VIII in 1-2 G	Meadows, forest-steppe, forest edges. L: <i>Plantago</i> , <i>Origanum vulgare</i> , Lamiaceae.	
74.	<i>Pyrausta despicata</i> SCOPOLI, 1763 (= <i>cespitalis</i> DENIS & SCHIFFERMÜLLER, 1775)	+	+	+	+	+	+	-	+ V-VIII in 1-2 G	Forest-steppe, meadows, forest edges. L: <i>Plantago</i> . Was listed by E. as <i>Cespitalis</i> .	
75.	<i>Panstegia obsoletalis</i> FABRICIUS, 1794 (= <i>aerealis</i> HÜBNER, 1796)	+	-	?	?	-	-	-	+ VII-VIII in 1 G	Forest meadows and edges, various meadows and steppes. L: <i>Gnaphalium</i> , <i>Helichrysum</i> , <i>Artemisia</i> , <i>Thymus</i> , <i>Scrophularia</i> , <i>Thalictrum</i> . Was cited by E. as <i>Botys Ablutalis</i> Evm.	
76.	<i>Pyrausta opacalis</i> HÜBNER, 1813	-	-	+	-	-	-	-	-	?	This species was noted from Sarepta by REBEL (1901) as <i>P. limbopunctalis</i> v. <i>frustalis</i> H.-Sch.
77.	<i>Loxostege aeruginalis</i> HÜBNER, 1796	+	-	-	+	-	-	-	VI-VII in 1 G	Steppe biotopes. L: <i>Artemisia</i> .	
-	<i>Loxostege comtalis</i> FREYER, 1848	-	-	-	-	?	-	-	-	-	Noted on unconfirmed data. Here it is deleted from the list until fresh material will be obtained.
78.	<i>Loxostege sulphuralis</i> HÜBNER, [1811-1813]	+	+	?	?	+	?	-	+ VII in 1 G	Stepped biotopes. L: <i>Artemisia</i> .	
79.	<i>Loxostege turbidalis</i> TREITSCHKE, 1829	-	-	-	-	-	+	-	+ VI-VII in 1 G	Steppe and dry meadows. L: <i>Artemisia</i> , <i>Achillea</i> , <i>Helianthemum</i> , <i>Linosyris</i> .	
80.	<i>Loxostege clathralis</i> HÜBNER, 1813	+	-	+	?	-	-	-	+ VI in 1 G	Stepped biotopes. L: <i>Artemisia</i> .	
81.	<i>Loxostege virescalis</i> GUENÉE, 1854	-	-	-	+	+	-	-	+ VI-VII in 1 G	Very rare in stepped meadows. L: <i>Artemisia</i> .	

1	2	3   4   5   6   7   8   9   10   11	12
82.	<i>Loxostege expansalis</i> EVERSMANN, 1852	- - - - - o VII in 1 G	LT: Ural.
83.	<i>Loxostege manualis</i> GEYER, 1832	+ - - - - - - ?	No material at our disposal.
84.	<i>Loxostege sticticalis</i> LINNAEUS, 1761	+ + - + + + - + eV-VIII in 1 G	Eurybiont species. L: polyphagous ( <i>Helianthus</i> , <i>Quercus</i> , <i>Medicago</i> *, <i>Pisum</i> *, <i>Sinapis</i> *).
85.	<i>Calamochroa peltalis</i> EVERSMANN, 1842	+ - - - + - - o eV in 1 G	Steppes. LT: southern Ural. L: unknown.
86.	<i>Uresiphita gilvata</i> FABRICIUS, 1794 (= <i>polygonalis</i> DENIS & SCHIFFERMÜLLER, 1775; = <i>limbalis</i> DENIS & SCHIFFERMÜLLER, 1775)	- - - + + + - - V-IX in 1 G	Various, especially dry and stepped meadows. L: <i>Genista tinctoria</i> *, <i>Cytisus nigricans</i> , <i>Sarothamnum scoparius</i> .
87.	<i>Ecyprhorhe rubiginalis</i> HÜBNER, 1796	+ - + + + + - - V-VIII in 1-2 G	Meadows, forest edges. L: <i>Betonica</i> , <i>Stachys</i> , <i>Ballota</i> , <i>Galeopsis</i> , <i>Fragaria</i> .
88.	<i>Sitochroa palealis</i> DENIS & SCHIFFERMÜLLER, 1775	+ - - + + + - + VI-VII in 1 G	Comparatively rare on meadows and in forest-steppe. L: on flowers of Apiaceae.
89.	<i>Sitochroa verticalis</i> LINNAEUS, 1758	+ + - + + + - + eV-VIII in 1 G	Meadows, waste grounds, farms. L: polyphagous.
90.	<i>Microstega pandalis</i> HÜBNER, 1825	- - - + + + - - VI-VII in 1 G	Meadows. L: Grasses, <i>Teucrum polium</i> .
91.	<i>Microstega hyalinalis</i> HÜBNER, 1796	+ - + + + - - eV-VII in 1 G	Forest edges, meadows. L: <i>Urtica</i> , <i>Verbascum</i> , <i>Centaurea</i> .
92.	<i>Sclerocona acutellus</i> EVERSMANN, 1842	+ + - + - + - - VI-bVIII in 1 G	Forest edges, stepped meadows.
93.	<i>Ostrinia palustralis</i> HÜBNER, 1796	+ - - - + + - - VI-VII in 1 G	Wet meadows. L: <i>Rumex aquaticus</i> .
94.	<i>Ostrinia quadripunctalis</i> DENIS & SCHIFFERMÜLLER, 1775	- - - - - + - - VI-VII in 1 G	Meadows.
95.	<i>Ostrinia nubilalis</i> HÜBNER, 1796	+ + - + + + - + V-VIII in 1 G	Open biotopes. L: Grasses, <i>Zea</i> *, <i>Sorghum</i> *, <i>Cannabis</i> *, <i>Humulus</i> *. Was noted by E. as <i>Botys Silacealis</i> .
96.	<i>Ostrinia scapulalis</i> WALKER, 1859	- - - - + + - - VI-bIX in 1 G	Various treeless biotopes. L: <i>Cannabis</i> , <i>Artemisia</i> .
97.	<i>Eurrhypara hortulata</i> LINNAEUS, 1758	+ - - + + + - - eV-VII in 1 G	Forest edges, agricultural landscapes, waste grounds. L: <i>Urtica</i> *, <i>Mentha</i> , <i>Stachys</i> , <i>Ribes</i> , <i>Convolvulus</i> . Was listed by E. as <i>Botys Uticalis</i> HBN.
98.	<i>Phlyctaenia perlucidalis</i> HÜBNER, [1809]	- - ? - + - - - VI-VII in 1 G	Forest-steppe, very rare.
99.	<i>Phlyctaenia stachydalis</i> GERMAR, 1821	+ - - - + + - - V-VI, VII-VIII in 2 G	Edges of broad-leaved forests. Somewhere is common but local.

1	2	3	4	5	6	7	8	9	10	11	12
100.	<i>Phlyctaena coronata</i> HUFNAGEL, 1767 (= <i>sambucalis</i> DENIS & SCHIFFERMÜLLER, 1775)		+	-	-	+	+	+	-	+	VI-VIII in 1 G
											Broad-leaved forests. L: <i>Corylus</i> , <i>Sambucus</i> and others. Was noted by E. as <i>Botys Sambucalis</i> .
101.	<i>Mutuuraia terrealis</i> TREITSCHKE, 1829		-	-	-	+	+	+	-	-	V-IX in 2 G
											Forest-steppe, meadows. L: <i>Solidago</i> .
102.	<i>Algedonia luctualis</i> HÜBNER, 1793		+	-	-	+	-	+	-	-	VI-VII in 1 G
											Rare on meadows.
103.	<i>Anania funebris</i> STRÖM, 1768 (= <i>octomaculata</i> LINNAEUS, 1771)		+	-	-	-	+	+	-	-	V-VIII in 1 G
											Very rare in forest-steppe. L: <i>Solidago</i> , <i>Genista</i> , <i>Cytisus</i> . Was noted by E. as <i>Ennychis</i> <i>Octomaculalis</i> .
104.	<i>Anania verbascalis</i> DENIS & SCHIFFERMÜLLER, 1775		+	-	-	-	-	-	-	-	V-VII in 1 G
											Forest-steppe and dry meadows. L: <i>Verbascum</i> , <i>Teucrium</i> , <i>Scrophularia</i> .
105.	<i>Psammotis pulveralis</i> HÜBNER, 1796		+	+	-	+	+	+	-	-	VI-mVII in 1 G
											Wet meadows mainly; common. L: <i>Mentha</i> , <i>Lycopus</i> .
106.	<i>Obsibotys fuscalis</i> DENIS & SCHIFFERMÜLLER, 1775		+	-	-	+	-	+	-	-	VI-VIII in 1 G
											Meadows, forest edges. L: <i>Melampyrum</i> , <i>Lathyrus</i> , <i>Alectorolophus</i> , <i>Solidago</i> , <i>Urtica</i> .
107.	<i>Udea olivalis</i> DENIS & SCHIFFERMÜLLER, 1775		+	-	-	-	-	+	-	-	V-VIII in 1 G
											Meadows, forest edges. L: Grasses.
108.	<i>Udea languidalis</i> EVERSMANN, 1844		+	-	-	+	-	-	-	+	VI in 1 G
											Stepped biotopes.
109.	<i>Udea lutealis</i> HÜBNER, [1800-1809]		-	-	-	+	+	+	-	-	VII-VIII in 1 G
											Meadows, forest edges. L: Grasses.
110.	<i>Udea fulvalis</i> HÜBNER, [1800-1809]		-	-	-	+	-	+	-	-	VI-bVII in 1 G
											Local in forest-steppe.
111.	<i>Udea accolalis</i> ZELLER, 1867		-	-	-	-	+	+	-	-	VII in 1 G
											Dry and stepped meadows, forest edges. L: Grasses.
112.	<i>Udea pr. institalis</i> HÜBNER, [1819]		-	-	-	-	-	?	-	-	22.VIII.
											A single female is known from for- est-steppe on chalk hills.
113.	<i>Udea costalis</i> EVERSMANN, 1852		-	-	-	+	-	-	-	-	VI-VIII in 1 G
											Steppe biotopes. Rare.
114.	<i>Udea prunalis</i> DENIS & SCHIFFERMÜLLER, 1775		+	-	+	+	+	+	-	-	VII-VIII in 1 G
											Deciduous forests. L: <i>Corylus</i> , <i>Ulmus</i> and others.
115.	<i>Udea ferrugalis</i> HÜBNER, 1796		-	-	-	+	-	-	-	-	15.VII.
											Was notes as <i>U. martialis</i> Gn. from hill slopes nearby Saratov by KUMAKOV & KORSHUNOV (1979). No material at our disposal.
116.	<i>Mecyna flavalis</i> DENIS & SCHIFFERMÜLLER, 1775		+	-	-	+	+	+	-	-	VII in 1 G
											Stony steppes. L: <i>Galium</i> , <i>Artemi- sia</i> , <i>Urtica</i> .
117.	<i>Nomophila noctuella</i> DENIS & SCHIFFERMÜLLER, 1775		+	+	+	+	+	+	-	-	VI-bX in 2-3 G
											Very common in various land- scapes. Was listed by E. as <i>Botys</i> <i>Hybridalis</i> . L: <i>Polygonum aviculare</i> .

1	2	3	4	5	6	7	8	9	10	11	12	
118.	<i>Diasemia reticularis</i> LINNAEUS, 1761 (= <i>litterata</i> SCOPOLI, 1763)		+	-	+	-	+	+	-	VI-VII in 1 G	Forest edges, meadows. L: <i>Plantago</i> , <i>Hieracium</i> , <i>Picris</i> . Was cited by E. as <i>Nymphula Literalis</i> .	
119.	<i>Pleuroptya ruralis</i> SCOPOLI, 1763		-	+	+	+	+	+	-	mVI-VIII in 1 G	Forest edges, waste grounds, popu- lated areas. L: <i>Urtica</i> *	
120.	<i>Agrotera nemoralis</i> SCOPOLI, 1763		+	-	-	+	+	+	-	VI-VII in 1 G	Broad-leaved forests. L: <i>Quercus</i> , <i>Castanea</i> , <i>Corylus</i> .	
121.	<i>Heliothis wulffiana</i> SCOPOLI, 1763 (= <i>atralis</i> HÜBNER, 1796)		+	-	-	-	+	-	-	V-VIII in 1 G	Very rare in forests. Was noted by E. as <i>Ennycha Atralis</i> .	
122.	<i>Acentria ephemerella</i> DENIS & SCHIFFERMÜLLER, 1775 (= <i>Acentropus</i> <i>latipennis</i> MOESCHLER, 1860)		-	-	+	+	+	+	-	VII-VIII in 1 G	Near water biotopes. L: <i>Elodea</i> , <i>Ceratophyllum</i> . LT for <i>latipennis</i> MOESCHLER: Sarepta.	
123.	<i>Euclasta splendidalis</i> HERRICH-SCHÄFFER, 1848		-	+	-	-	-	-	-	-	?	Semidesert biotopes; very local.
124.	<i>Cybalomia</i> spec.		-	-	+	-	-	-	-	-	?	Is known only from one female.
125.	<i>Eurrhypis sartalis</i> HÜBNER, [1813]		-	-	o	-	-	-	-	-	?	LT.: Sarepta. No fresh material at our disposal.
		60	21	32	62	55	64	2	32			
<b>Crambidae</b>												
126.	<i>Euchromius ocellatus</i> HAWORTH, 1811		-	-	-	-	+	-	-	V-VIII in 1-2 G	Very local in steppes. Larva on dry pieces of plants.	
127.	<i>Euchromius graticosellus</i> CARADJA, 1910		-	+	-	?	+	-	-	V-IX in 1-2 G	Rare in dry steppes. From Saratov Distr. known only from old mate- rial.	
128.	<i>Euchromius ramburiellus</i> DUPONCHEL, 1836		-	-	-	-	-	-	+	IV-VIII in 1 G	Local in stepped biotopes.	
129.	<i>Euchromius superbellus</i> ZELLER, 1849		-	+	-	+	-	-	-	VI-IX in 1 G	Rare in dry steppe biotopes on chalk hills.	
130.	<i>Euchromius mouchai</i> BLESZYNSKI, 1961		-	-	o	+	-	-	-	eV-VII in 1 G	Meadows biotopes in steppes. LT: Sarepta.	
131.	<i>Euchromius roxanus</i> BLESZYNSKI, 1961		-	-	+	+	-	-	o	VI-VII in 1 G	Very local in forest-steppe biotopes. LT: southern Ural.	
132.	<i>Chilo phragmitellus</i> HÜBNER, 1805		-	+	+	+	+	+	-	VI-VIII in 1 G	Common in steppes and forest- steppe near water biotopes. L: <i>Phagmites australis</i> *, <i>Glyceria</i> .	
133.	<i>Chilo luteellus</i> MOTSCHULSKY, 1866		-	-	-	?	-	-	-	VI-VIII in 1 G	Was noted from Saratov by KUMAKOV & KORSHUNOV (1979).	
134.	<i>Topeutis galleriella</i> RAGONOT, 1892		-	-	-	+	-	-	-	V-bVII in 1 G	Not common in forest-steppe biotopes along the right bank of Volga.	
135.	<i>Acigona cicatricella</i> HÜBNER, 1824		-	-	-	-	-	+	-	VII in 1 G	Rare and very local in stepped biotopes near the water. L: <i>Phagmites australis</i> .	

1	2	3	4	5	6	7	8	9	10	11	12
136.	<i>Calamotropha paludella</i> HÜBNER, 1824	-	+	-	+	+	+	-	-	VI-VII in 1 G	Rare in biotopes near the water. L: <i>Phragmites australis</i> .
137.	<i>Chrysoteuchia culmella</i> LINNAEUS, 1758 (= <i>hortuella</i> HÜBNER, 1796)	+	-	-	+	+	+	-	+	VI-VIII in 1 G	Common in forest-steppe. Was noted by E. as <i>Chilo Hortuella</i> . L: Poaceae and moss.
138.	<i>Crambus hamellus</i> THUNBERG, 1788	-	-	-	-	-	+	-	-	VIII-IX in 1 G	Local in sandy steppes.
139.	<i>Crambus pascuellus</i> LINNAEUS, 1758	+	-	-	+	+	-	-	-	VI-VIII in 1 G	Rare in steppe biotopes. L: <i>Poa bulbosa</i> .
140.	<i>Crambus pratellus</i> LINNAEUS, 1758	+	-	-	+	+	+	-	-	V-VII in 1 G	Local in steppes and forest-steppe.
141.	<i>Crambus lathoniellus</i> ZINCKEN, 1817 (= <i>nemorella</i> HÜBNER, [1813])	-	-	-	+	+	+	-	-	V-IX in 1-2 G	Common, but local in steppes and forest-steppe. L: Poaceae.
142.	<i>Crambus perrellus</i> SCOPOLI, 1763	+	-	-	+	+	+	-	+	VI-IX in 1 G	Common in meadow-steppe biotopes. L: <i>Festuca valesiaca</i> , <i>Deschampsia cespitosa</i> .
143.	<i>Agriphila aeneociliella</i> EVERSMANN, 1844	+	-	-	-	+	+	-	+	eV-VII in 1 G	Not common in forest-steppe. LT: Spassk.
144.	<i>Agriphila deliella</i> HÜBNER, 1813	-	-	?	-	-	-	-	-	VIII-IX in 1 G	Known only from Sarepta from old material (BECKER, 1854).
145.	<i>Agriphila tristella</i> DENIS & SCHIFFERMÜLLER, 1775	+	-	-	+	+	+	-	-	VI-IX in 1 G	Common on meadows and in stepped biotopes. L: Poaceae.
146.	<i>Agriphila selasella</i> HÜBNER, 1813	+	-	-	+	+	-	-	-	VII-VIII in 1 G	Not common in meadows biotopes.
147.	<i>Agriphila poliella</i> TREITSCHKE, 1832	-	-	?	-	-	+	-	+	VIII-IX in 1 G	Rare in stepped biotopes. Was noted from Volgograd Distr. (Sarepta) by BECKER (1862). L: <i>Fes- tuca valesiaca</i> .
148.	<i>Agriphila straminella</i> DENIS & SCHIFFERMÜLLER, 1775	-	-	+	+	+	+	-	+	VI-IX in 1-2 G	Common in steppe biotopes. L: Poaceae.
149.	<i>Agriphila inquinatellus</i> DENIS & SCHIFFERMÜLLER, 1775	-	-	-	+	-	-	-	-	VII-VIII in 1 G	Rare in steppe biotopes at chalk hills. L: <i>Festuca valesiaca</i> .
150.	<i>Agriphila pr. biarmica</i> TENGSTRÖM, 1865	-	-	-	-	-	+	-	-	VII in 1 G	Not rare, but local in forests. Differs well from typical <i>biarmica</i> Tastr. by very light coloration, therefore the status of the local form is not clear.
151.	<i>Mesocrambus candiellus</i> HERRICH-SCHÄFFER, 1848	-	-	-	+	-	-	-	-	VI-VII in 1 G	Very rare in steppes.
152.	<i>Catoptria fulgidella</i> HÜBNER, 1813	-	-	-	-	-	-	-	+	VII-IX in 1 G	Local in meadow biotopes. L: <i>Carex riparia</i> .
153.	<i>Catoptria margaritella</i> DENIS & SCHIFFERMÜLLER, 1775	-	-	-	?	-	-	-	-	VI-VIII in 1 G	From Saratov Dist. was noted by KUMAKOV & KORSHUNOV (1979).

1	2	3	4	5	6	7	8	9	10	11	12
154.	<i>Catoptria permianus</i> W. PETERSEN, 1924	-	-	-	-	-	+	-	-	VII in 1 G	Not common in forest-steppe.
155.	<i>Catoptria permutatella</i> HERRICH-SCHÄFFER, 1848 (= <i>uralensis</i> PETERSEN, 1924)	-	-	-	-	-	+	-	+	VI-VII in 1 G	Local in steppe biotopes.
156.	<i>Catoptria myella</i> HÜBNER, 1796	-	-	-	+	-	-	-	-	VI-VIII in 1 G	Very rare in forest-steppe biotopes on chalk hills.
157.	<i>Catoptria pinella</i> LINNAEUS, 1758	+	-	+	+	+	+	-	-	VI-VIII in 1 G	Local in meadow biotopes. L: <i>Deschampsia cespitosa</i> .
158.	<i>Catoptria lithargyrella</i> HÜBNER, 1796	+	-	-	+	+	+	-	+	VI, VIII-IX in 1-2 G	Local in dry and sandy steppes. L: Poaceae.
159.	<i>Catoptria falsella</i> DENIS & SCHIFFERMÜLLER, 1775	-	-	-	-	+	-	-	-	VI-VIII in 1 G	L: moss.
160.	<i>Catoptria verella</i> ZINCKEN, 1817	-	-	-	-	-	+	-	-	V-IX in 1 G	L: moss.
161.	<i>Metacrambus carectellus</i> ZELLER, 1847	-	-	+	-	-	+	-	-	V-VII in 1 G	Local and rare in dry steppes.
162.	<i>Chrysocrambus craterellus</i> SCOPOLI, 1763	+	-	-	+	-	+	-	+	V-bVII in 1 G	Local in dry steppe biotopes. Was cited by E. as <i>Chilo Rorella</i> .
163.	<i>Chrysocrambus linetellus</i> FABRICIUS, 1781	-	-	-	?	-	-	-	-	17.V. & 20.VI.	Was pointed out from hill slopes of Saratov area by KUMAKOV & KORSHUNOV (1979); this record needs conformation.
164.	<i>Thisanotia chrysonuchella</i> SCOPOLI, 1763	+	-	-	+	+	+	+ -	-	IV-VI in 1 G	Common in dry meadows, steppes and forest-steppe. L: <i>Festuca</i> <i>valesiaca</i> .
165.	<i>Pediasia luteella</i> DENIS & SCHIFFERMÜLLER, 1775	+	-	-	+	+	+	+	+	VI-VIII in 1 G	Very common in meadow biotopes, steppes and forest-steppe. L: <i>Poa</i> <i>bulbosa</i> , <i>Festuca valesiaca</i> , <i>Triticum</i> *.
166.	<i>Pediasia jucundella</i> HERRICH-SCHÄFFER, 1847	-	-	-	+	-	-	-	-	VI-VII in 1 G	Rare and local in meadow biotopes in forest-steppe zone. L: <i>Triticum</i> *
167.	<i>Pediasia pudibundella</i> HERRICH-SCHÄFFER, 1852	-	-	-	+	-	+	-	+	V-VII in 1 G	Local in steppes near the water.
168.	<i>Pediasia kuldjaensis</i> CARADJA, 1916	-	+	-	+	-	-	-	-	V-VIII in 1 G	Rare in dry steppe biotopes on chalk hills along the right bank of the Volga.
169.	<i>Pediasia contaminella</i> HÜBNER, 1796	-	-	?	-	-	+	-	-	bVIII in 1 G	Very rare in wet biotopes near the water.
170.	<i>Pediasia aridella</i> <i>caradjaella</i> REBEL, 1907	-	+	-	-	-	+	-	+	VII-VIII in 1 G	Local in stepped biotopes. L: <i>Puccinellia maritima</i> .
171.	<i>Pediasia persella</i> TOLL, 1947	-	-	-	+	-	-	-	-	VII-IX in 1 G	Local in forest-steppe.
172.	<i>Pediasia pectinicornis</i> REBEL, 1910	-	-	-	+	-	-	-	-	VIII-IX in 1 G	Local in steppe.

1	2	3	4	5	6	7	8	9	10	11	12
173. <i>Pediasia epineura</i> MEYRICK, 1883		-	-	+	-	-	-	+	V-VII in 1 G	Rare in steppe. LT: Orenburg.	
174. <i>Pediasia steppicolella</i> ZERNY, 1914		-	-	-	?	-	-	-	+ VI in 1 G	Local in dry stepped biotopes. LT: Orenburg.	
175. <i>Pediasia matricella</i> TREITSCHKE, 1832		-	-	?	-	-	-	-	- ?	Was noted from Sarepta by BECKER (1854); no material at our disposal.	
176. <i>Platytes alpinella</i> HÜBNER, 1813		-	-	-	+	-	+	-	- VII-IX in 1 G	Rare and local in forest-steppe. L: moss.	
177. <i>Platytes cerusella</i> DENIS & SCHIFFERMÜLLER, 1775		+	-	-	+	+	+	-	- V-VII in 1 G	Common in steppes and forest-steppe. L: Poaceae.	
178. <i>Ancylolomia tentaculella</i> HÜBNER, 1796		-	-	-	-	-	-	-	+ VII-IX in 1 G	Local in steppes.	
179. <i>Talis quercella</i> DENIS & SCHIFFERMÜLLER, 1775		-	+	+	+	+	+	-	- mVI-bIX in 1 G	Not common in meadow biotopes in forest-steppe.	
		13	7	13	34	23	28	2	17		

## Phycitidae

180. <i>Anerastia lotella</i> HÜBNER, [1813]		+	+	-	?	+	+	-	- VI-VIII in 1 G	Steppe meadows. L: Poaceae. Was cited by E. as <i>Phycis Miniosella</i> .
181. <i>Ematheudes punctella</i> TREITSCHKE, 1833		-	-	-	+	-	-	-	- VI-VIII in 1 G	Local in steppes.
182. <i>Cryptoblabes bistriga</i> HAWORTH, 1811		-	-	-	+	-	-	-	- V-VI in 1 G	Deciduous forests. L: <i>Betula</i> , <i>Alnus</i> , <i>Quercus</i> .
183. <i>Oncocera semirubella</i> SCOPOLI, 1763		+	+	-	+	+	+	-	- VII-VIII in 1 G	Meadows. L: <i>Medicago</i> , <i>Trifolium</i> , <i>Lotus corniculatus</i> *. Was noted by E. as <i>Phycis Carnella</i> .
184. <i>Pseudophycita deformella</i> MOESCHLER, 1866		-	-	o	+	-	-	-	- V-VIII in 1 G	Dry steppes. LT: Sarepta.
185. <i>Alophia combustella</i> HERRICH-SCHÄFFER, 1852		-	-	?	+	-	-	-	- VII in 1 G	Semideserts, dry steppes. L: <i>Pistacia</i> , in galls of aphides. Noted from Sarepta by REBEL (1901).
186. <i>Laodamia faecella</i> ZELLER, 1839		-	-	+	-	+	+	-	- VI-VII in 1 G	Deciduous forest edges.
187. <i>Serrulacera serraticornella</i> ZELLER, 1839 (= <i>gregella</i> EVERSMANN, 1844)		+	+	-	+	+	+	-	+ V-IX in ?1 G	Forest-steppe and other steppe biotopes. Was cited by E. as <i>Phycis Gregella</i> Ev. with LT: Southern Russia.
188. <i>Pempelia geminella</i> EVERSMANN, 1844		+	-	-	+	+	-	-	o VI-VII in 1 G	Forest-steppe, steppes. LT: Ural.
189. <i>Pempelia palumbella</i> DENIS & SCHIFFERMÜLLER, 1775		+	-	-	-	-	-	-	- VI-VIII in 1 G	Various types of meadows. L: <i>Colluna</i> , <i>Erica</i> , <i>Thymus</i> , <i>Helianthemum</i> .
190. <i>Pempelia venustella</i> RAGONOT, 1887		-	-	-	-	-	+	-	- V-IX in 2 G	Meadows, forest-steppe. L: <i>Atraphaxis spinosa</i> *
191. <i>Pempelia formosa</i> HAWORTH, 1811		-	-	-	+	+	+	-	- VI-VII in 1 G	Deciduous forests. L: <i>Ulmus</i> .

1	2	3	4	5	6	7	8	9	10	11	12
192.	<i>Pempelia albariella</i> ZELLER, 1846	-	-	?	+	-	-	-	-	VI-IX in 1 G	Forest-steppe. Noted from Sarepta by REBEL (1901), also as var. <i>dilucida</i> STGR.
193.	<i>Pempelia alpigenella</i> DUPONCHEL, 1836	-	-	-	-	-	-	-	?	?	Noted from Ural by REBEL (1901). No material at our disposal.
194.	<i>Merulempista cingilella</i> ZELLER, 1846	-	+	-	+	-	-	-	-	V-VIII in 1 G	Steppes. L: <i>Myricaria</i> , <i>Tamarix</i> .
195.	<i>Asalebria venustella</i> RAGONOT, 1887	-	-	o	+	-	-	-	-	V-IX in 1? G	Steppes. LT: Sarepta.
196.	<i>Salebiopsis albicila</i> HERRICH-SCHÄFFER, 1849	-	-	-	-	+	-	-	-	V-bVII in 1 G	Deciduous forests. L: <i>Salix</i> , <i>Tilia</i> .
197.	<i>Susia florella</i> MANN, 1862	-	-	-	+	-	-	-	-	V-VIII in 1 G	Steppe meadows. L: <i>Genista</i> .
198.	<i>Megasis rippertella</i> ZELLER, 1848	-	-	?	+	-	-	-	?	VI-VIII in 1 G	Steppe meadows. Noted for Sarepta and Ural by REBEL (1901). L: <i>Onobrychis</i> .
199.	<i>Sciota marmorata</i> ALPHERAKY, 1877-1878	-	-	-	+	+	+	-	-	V-VII in 1 G	Forest-steppe. L: <i>Caragana arborescens</i> .
200.	<i>Sciota fumella</i> EVERSMANN, 1844	+	-	+	-	-	-	-	+	VI-VII in 1 G	Steppes.
201.	<i>Sciota rhenella</i> ZINCKEN, 1818	-	+	-	?	-	+	-	-	VI-VIII in 1 G	Poplar forests in the river valleys. L: <i>Populus</i> .
202.	<i>Sciota adelphella</i> FISCHER VON RÖSLERSTAMM, 1836	+	-	+	+	+	+	-	-	V-VII in 1 G	Poplar forests in the river valleys. L: <i>Populus</i> , <i>Salix</i> .
203.	<i>Sciota hostilis</i> STEPHENSON, 1834	-	-	-	+	+	+	-	-	VI-VIII in 1 G	Aspen forests. L: <i>Populus tremula</i> .
204.	<i>Eucarphia vinetella</i> FABRICIUS, 1787	+	-	-	-	-	-	-	-	VI-VII in 1 G	Forest-steppe.
205.	<i>Divona dilucidella</i> DUPONCHEL, 1836	+	+	-	+	+	+	-	-	V-VIII in 1 G	Dry and steppe meadows. L: <i>Lotus</i> , <i>Astragalus</i> . Was cited by E. as <i>Phycis Laternella</i> Evm.
206.	<i>Bradyrrhoa gilveolella</i> TREITSCHKE, 1832	-	-	+	-	-	-	-	+	VI-VII in 1 G	Steppes. L: <i>Chondrilla</i> .
207.	<i>Selagia argyrella</i> DENIS & SCHIFFERMÜLLER, 1775	+	+	-	+	-	+	-	-	VII-IX in 1 G	Forests edges; rare and local. L: <i>Calluna vulgaris</i> .
208.	<i>Selagia spadicella</i> HÜBNER, 1796	+	-	-	+	+	-	-	-	VII-VIII in 1 G	Meadows and forest edges. L: <i>Calluna</i> , <i>Teucrium</i> . Was noted by E. as <i>Phycis Janthinella</i> .
209.	<i>Aphyletes nigrisparsella</i> RAGONOT, 1887	-	+	-	-	-	-	-	-	?	Semidesert biotopes, local.
210.	<i>Phycita roborella</i> DENIS & SCHIFFERMÜLLER, 1775	-	-	-	+	-	-	-	-	VI-VIII in 1 G	Broad-leaved forests. L: <i>Quercus</i> , <i>Malus</i> , <i>Pyrus</i> .
211.	<i>Phycita poteriella</i> ZELLER, 1846	-	-	?	-	-	-	-	-	?	Noted from Sarepta by REBEL (1901). No material at our disposal.

1	2	3	4	5	6	7	8	9	10	11	12
212.	<i>Dioryctria schuetzeella</i> FUCHS, 1899	-	-	-	+	-	-	eVII in 1 G			Coniferous and mixed forests. L: <i>Picea</i> .
213.	<i>Dioryctria abietella</i> DENIS & SCHIFFERMÜLLER, 1775	+	-	-	+	+	+	-	VII-IX in 1 G		Coniferous, especially pine forests. L: <i>Pinus, Picea, Larix, Abies</i> .
214.	<i>Dioryctria sylvestrella</i> RATZEBURG, 1840	-	-	-	-	+	-	-	VII-VIII in 1 G		Pine forests. L: <i>Pinus</i> .
215.	<i>Catastia marginea</i> DENIS & SCHIFFERMÜLLER, 1775	+	-	-	+	-	+	-	VI-VII in 1 G		Meadows and forest-steppe. L: <i>Potentilla, Alchemilla</i> . Was cited by E. as <i>Phycis Auriciliella</i> HBN.
216.	<i>Epischnia prodromella</i> HÜBNER, 1796	+	-	+	?	-	-	+	V-VII in 1 G		Steppe meadows, stony steppes. L: <i>Centaurea</i> .
217.	<i>Epischnia cretaciella</i> MANN, 1869	-	-	?	+	-	-	-	?		Chalk steppes. Noted from Sarepta by REBEL (1901).
218.	<i>Epischnia adultella</i> ZELLER, 1848	-	-	-	-	+	-	-	mVII in 1 G		Very rare and local in steppes.
219.	<i>Epischnia cuculliella</i> RAGONOT, 1887	-	-	o	+	-	-	-	?	V-VII in 1 G	Dry and chalk steppes. Noted from Orenburg by IVINSKIS (1986). LT: Sarepta.
220.	<i>Epischnia glyphella</i> RAGONOT, 1887	-	-	o	-	-	-	-	-	?	LT: Sarepta. No material at our disposal.
221.	<i>Hypothalcia decorella</i> HÜBNER, [1817]	+	-	-	-	+	-	+	V-VI in 1 G		Steppes. Sometimes common.
222.	<i>Hypothalcia dignella</i> HÜBNER, 1796	+	-	-	?	-	+	-	eVI in 1 G		Wet mixed forests; very rare and local.
223.	<i>Hypothalcia ahenella</i> DENIS & SCHIFFERMÜLLER, 1775 (= <i>rubiginella</i> TREITSCHKE, 1833)	+	-	?	+	+	+	-	VI-VIII in 1 G		Steppes, waste grounds in populated areas. L: <i>Helianthemum, Artemisia</i> . Noted from Sarepta by REBEL (1901)
224.	<i>Hypothalcia lignella</i> HÜBNER, 1796	+	-	?	+	+	+	-	V-VII in 1 G		Forest edges and meadows. L: <i>Bupleurum, Litorella</i> .
225.	<i>Hypothalcia disjunctella</i> ZELLER, 1848	-	-	-	-	-	-	o	?		LT: Ural. No material at our disposal.
226.	<i>Hypothalcia propinquella</i> EVERSMANN, 1842 (= <i>vesperella</i> EVERSMANN, 1844; = <i>candelisequella</i> EVERSMANN, 1844; = <i>brunneella</i> EVERSMANN, 1844; = <i>uralicella</i> HERRICH-SCHÄFFER)	+	-	-	-	-	-	o	?		LT: Ural (for all species). Was noted by E. as three different species: <i>candelisequella</i> EVERSMANN, <i>vesperella</i> Ev. and <i>brunneella</i> Ev. No material at our disposal.
227.	<i>Lympha chalybella</i> EVERSMANN, 1844	+	-	-	+	-	-	-	o VI-VII in 1 G		Steppes. LT: Ural.
228.	<i>Microthrix similella</i> ZINCKEN, 1818	-	-	-	+	-	+	-	V-VI in 1 G		Broad-leaved forests. L: <i>Quercus</i> .
229.	<i>Metriostola betulae</i> GOEZE, 1776	-	-	-	-	+	+	-	VI-VII in 1 G		Deciduous forests. L: <i>Betula</i> .

1	2	3	4	5	6	7	8	9	10	11	12
230.	<i>Metriostola vacciniella</i> LIENIG & ZELLER, 1847	-	-	-	-	-	+	-	-	eVI-mVII in 1 G	Wet coniferous forests and sphagnum bogs. L: <i>Vaccinium myrtillus</i> *.
231.	<i>Pyla fusca</i> HAWORTH, 1828	+	-	-	+	-	+	-	-	VI-VII in 1 G	Mixed and coniferous forest edges, sphagnum bogs. L: <i>Calluna</i> , <i>Vaccinium myrtillus</i> , <i>Salix</i> , <i>Betula</i> . Was cited by E. as <i>Phycis Carbonella</i> .
232.	<i>Etiella zinckenella</i> TREITSCHKE, 1832	+	-	+	+	+	+	-	-	VI-VIII in 1 G	Meadows, forest-steppe. L: <i>Phaseolus</i> , <i>Lupinus</i> , <i>Pisum</i> *, <i>Rhobinia</i> *. Was listed by E. as <i>Phycis Etiella</i> .
233.	<i>Pterothrixidia rufella</i> DUPONCHEL, 1836	-	-	-	+	-	-	-	-	V-VI in 1 G	Steppes.
234.	<i>Pima boisduvaliella</i> GUENÉE, 1845	-	-	-	-	-	+	-	-	V-VII in 1 G	Steppe meadows, steppes and forest-steppe. L: <i>Astragalus</i> , <i>Inula</i> , <i>Lotus</i> and other Fabaceae.
235.	<i>Abrephria compositella</i> TREITSCHKE, 1835	-	-	?	+	-	-	-	-	VII-IX in 1 G	Steppes, forest-steppe, dry meadows. L: <i>Artemisia</i> and other Asteraceae. Noted for Sarepta by REBEL (1901).
236.	<i>Trachonitis cristella</i> HÜBNER, 1796	+	-	-	-	-	-	-	-	VI-VII in 1 G	Deciduous forests. L: <i>Betula</i> , <i>Pyrus</i> , <i>Euonymus</i> .
237.	<i>Pempeliella aurorella</i> CHRISTOPH, 1867	-	-	o	-	-	-	-	-	?	LT: Sarepta. No material at our disposal.
238.	<i>Pseudosyria ornatella</i> DENIS & SCHIFFERMÜLLER, 1775	+	-	-	+	+	+	-	-	VII-VIII in 1 G	Dry meadows and stony steppes. L: <i>Thymus</i> .
239.	<i>Pseudisyria dilutella</i> HÜBNER, 1796	-	-	-	+	+	+	-	-	VI-VIII in 1 G	Dry meadows and stony steppes. L: <i>Thymus</i> , <i>Globularia</i> .
240.	<i>Oxybia transversella</i> DUPONCHEL, 1836	-	-	-	+	-	-	-	-	V-VII in 1 G	Steppes. L: <i>Psoralea</i> .
241.	<i>Psorosa dahliella</i> TREITSCHKE, 1832	-	-	-	+	+	+	-	-	mVI-VII in 1 G	Forest-steppe and steppes.
242.	<i>Psorosa nucleolella</i> MOESCHLER, 1866	-	-	o	+	-	+	-	-	V-VIII in 1 G	Steppes. LT: ?Sarepta.
243.	<i>Alispa angustella</i> HÜBNER, 1796	-	-	-	-	-	+	-	-	2.VIII.	Very rare and local in forests. L: <i>Euonymus verrucosa</i> .
244.	<i>Acrobasis repandana</i> FABRICIUS, 1798	-	-	-	+	+	+	-	-	VI-VII in 1 G	Broad-leaved forests. L: <i>Quercus</i> .
245.	<i>Acrobasis tumidana</i> DENIS & SCHIFFERMÜLLER, 1775	-	+	+	+	+	+	-	-	VI-VII in 1 G	Broad-leaved forests and forest-steppe. L: <i>Quercus</i> .
246.	<i>Acrobasis consociella</i> HÜBNER, [1810-1813]	-	-	-	-	-	-	-	+	VI-VII in 1 G	Broad-leaved forests. L: <i>Quercus</i> .
247.	<i>Acrobasis sodalella</i> ZELLER, 1848	-	-	-	-	-	+	-	-	eVI in 1 G	Broad-leaved forests along the Volga bank. L: <i>Quercus robur</i> *

1	2	3	4	5	6	7	8	9	10	11	12
248.	<i>Acrobasis bithynella</i> ZELLER, 1848	-	'-	-	+	-	-	-	bVII in ?1 G	Was cited as <i>A. bithinella</i> [sic!] by KUMAKOV & KORSHUNOV (1979). No material at our disposal.	
249.	<i>Catacrobasis obtusella</i> HÜBNER, 1796	-	-	-	+	-	+	-	VI-VII in 1 G	Forest-steppe, gardens. L: <i>Prunus</i> , <i>Pyrus</i> *, <i>Malus</i> *.	
250.	<i>Glyptotela leucocrinella</i> ZELLER, 1848 (= <i>macra</i> STAUDINGER, 1870)	-	-	?	-	+	+	-	VI-VIII in 1 G	Forest-steppe and deciduous forests. L: plant detritus. LT for <i>macra</i> : Sarepta.	
251.	<i>Aurana advenella</i> ZINCKEN, 1818	-	-	-	+	+	+	-	VI-VII in 1 G	Forest-steppe, gardens. L: <i>Malus</i> , <i>Pyrus</i> , <i>Sorbus</i> , <i>Crataegus</i> .	
252.	<i>Aurana suavella</i> ZINCKEN, 1818	-	-	-	-	+	-	-	VI-VII in 1 G	Forest-steppe. L: <i>Prunus</i> , <i>Crataegus</i> .	
253.	<i>Aurana legatella</i> HÜBNER, 1796	+	-	-	+	-	-	-	eVI-VIII in 1 G	Forest-steppe and deciduous forests. L: <i>Rhamnus</i> , <i>Frangula</i> .	
254.	<i>Aurana dulcella</i> ZELLER, 1848	-	-	-	+	-	-	-	VII in 1 G	Forest-steppe, gardens. L: <i>Prunus</i> .	
255.	<i>Aurana niveicinctella</i> RAGONOT, 1887	-	-	-	+	-	-	-	26.VIII. in ?1 G	Was cited after one specimen from a forest biotope by KUMAKOV & KORSHUNOV (1979). No material at our disposal.	
256.	<i>Eurhodope rosella</i> SCOPOLI, 1763	-	-	+	+	-	+	-	VI-mVIII in ?1 G	Forest-steppe and steppes; local. L: <i>Scabiosa</i> .	
257.	<i>Myelois circumvoluta</i> GEOFFROY in FOURCROY, 1785 (= <i>cibrum</i> DENIS & SCHIFFERMÜLLER, 1775)	+	-	-	+	+	+	-	mVI-VIII in 1 G	Dry meadows. L: Asteraceae ( <i>Carduus</i> , <i>Onopordon</i> , <i>Echium</i> ). Was listed by E. as <i>Phycis Cribrella</i> .	
258.	<i>Myelopsis tetricella</i> DENIS & SCHIFFERMÜLLER, 1775	+	-	+	+	+	+	-	V-VII in 1 G	Forest edges in dry biotopes. L: <i>Salix</i> . Was cited by E. as <i>Phycis Plumboginella</i> Ev.	
259.	<i>Apomyelois cognata</i> STAUDINGER, 1871	-	-	o	-	-	-	-	?	LT: Sarepta. No material at our disposal.	
260.	<i>Ectomyelois ceratoniae</i> ZELLER, 1839	-	-	-	+	-	-	-	VI-IX in 1 G	Storehouses in populated areas. L: dead fruits, <i>Ceratonia siliqua</i> .	
261.	<i>Salinaria diffusella</i> CHRISTOPH, 1872	-	-	o	+	-	-	o	VI-bVIII in 1 G	in 1 G	
262.	<i>Seiboldia korgosella</i> RAGONOT, 1887	-	-	?	+	-	+	-	eIV-mV; VII-VIII in 2 G	Steppes. Noted from Sarepta by REBEL (1901).	
263.	<i>Hyporatasa allotriella</i> HERRICH-SCHÄFFER, 1852	-	-	o	+	-	-	-	V-VII in 1 G	Dry steppes. L: <i>Camphorosma</i> . LT: Sarepta.	
264.	<i>Ratasa noctualis</i> EVERSMANN, 1842 (= <i>alienalis</i> EVERSMANN, 1844)	+	+	+	+	-	+	-	?	eIV-mV, VII-VIII in 2 G	
265.	<i>Vietteia terstrigella</i> CHRISTOPH, 1877	-	-	-	+	-	-	-	IV-VII in 1 G	Dry steppes. L: <i>Nanophyton</i> .	

1	2	3	4	5	6	7	8	9	10	11	12
266.	<i>Epischidia fulvostrigella</i> EVERSMANN, 1844	+	+	+	+	-	-	-	o	VII-VIII in 1 G	Steppes. LT: Ural/Sarepta.
267.	<i>Gymnancyla canella</i> DENIS & SCHIFFERMÜLLER, 1775	+	-	-	+	-	-	-	+	VII-VIII in 1 G	Dry steppes. L: <i>Atriplex</i> , <i>Salsola</i> .
268.	<i>Gymnancyla hornigii</i> LEDERER, 1852	-	-	?	+	-	-	-	-	VII-VIII in 1 G	Steppes. L: <i>Atriplex</i> , <i>Salsola</i> , <i>Chenopodium</i> . Noted from Sarepta by REBEL (1901)
269.	<i>Gymnancyla craticulella</i> RAGONOT, 1887	-	-	-	+	-	-	-	-	IV-VI in 1 G	Steppes.
270.	<i>Ancylodes dealbatella</i> ERSCHOFF, 1874 (= <i>staminella</i> CHRISTOPH, 1877)	-	-	+	+	-	-	-	-	V-VII in 1 G	Steppes. LT for <i>staminella</i> CHR.: Sarepta.
271.	<i>Ancylodes pallens</i> RAGONOT, 1887	-	+	-	-	-	-	-	-	?	Semideserts.
272.	<i>Zophodia grossulariella</i> ZINCKEN, 1818 (= <i>convolutella</i> HÜBNER, 1796)	+	-	-	-	-	+	-	-	IV-VI in 1 G	Forest-steppe, gardens. L: <i>Grossularia</i> *, <i>Ribes</i> *
273.	<i>Eccopissa effractella</i> ZELLER, 1848	-	-	-	-	+	+	-	-	VI-VII in 1 G	Forest-steppe, gardens. L: <i>Malus</i> , <i>Prunus</i> , <i>Corylus</i> .
274.	<i>Assara terebrella</i> ZINCKEN, 1818	-	-	-	-	+	-	-	-	VII in 1 G	Coniferous forests. L: <i>Pinus</i> , <i>Picea</i> .
275.	<i>Euzophera bigella</i> ZELLER, 1848 (= <i>immundella</i> RAGONOT, 1893)	-	+	?	-	+	+	-	-	V-IX in 1 G	Deciduous forests, gardens. L: <i>Salix</i> , <i>Malus</i> , <i>Armeniaca</i> , <i>Cydonia</i> , <i>Juglans regia</i> . LT for <i>immundella</i> : Sarepta?
276.	<i>Euzophera pinguis</i> HAWORTH, 1811	-	-	-	+	-	+	-	-	VI-VIII in 1 G	Broad-leaved forests, forest-steppe. L: <i>Fraxinus</i> , <i>Quercus</i> .
277.	<i>Euzophera rubricetella</i> HERRICH-SCHÄFFER, 1856	-	-	+	-	-	-	-	o	VII-VIII in 1 G	Steppes. LT: Ural.
278.	<i>Euzophera formosella</i> REBEL, 1910	-	-	+	-	-	-	-	o	VI-VII in 1 G	Steppes. LT: Ural.
279.	<i>Euzophera tetragramma</i> REBEL, 1910	-	-	-	-	-	-	-	o	VII in 1 G	Steppes. Endemic to South Volga Reg. and Southern Ural. LT: Uralsk.
280.	<i>Euzophera costivittella</i> RAGONOT, 1887	-	-	o	+	-	+	-	-	VII-IX in 1 G	Steppes. LT: Sarepta.
281.	<i>Euzophera alpherakyella</i> RAGONOT, 1887	-	+	-	-	-	-	-	-	IV-VII in 1 G	Steppes.
282.	<i>Euzophera cinerosella</i> ZELLER, 1839	+	-	?	+	+	+	-	-	V-VIII in 1 G	Steppes. Was listed by E. as <i>Phycis</i> <i>Incanella</i> Evm. Was noted from Sarepta by REBEL (1901).
283.	<i>Nyctegretis lineana</i> SCOPOLI, 1786	-	-	-	?	+	+	-	-	VI-VIII in 1 G	Steppes and dry meadows, waste grounds. L: <i>Ononis</i> , <i>Sedum</i> , <i>Artemisia</i> *, <i>Trifolium</i> , <i>Sarothamnus</i> , <i>Gnaphalium</i> , <i>Helianthemum</i> , <i>Antennaria</i> .



1	2	3	4	5	6	7	8	9	10	11	12
302.	<i>Staudingeria deserticola</i> STAUDINGER, 1870	-	-	o	+	-	-	-	?	IV-VIII in 1 G	Steppes and semideserts. LT: Sarepta.
303.	<i>Homoeosoma nimbellum</i> DUPONCHEL, 1836	-	-	-	-	+	-	-	-	VI-VIII in 1 G	Steppes and dry meadows. L: Asteraceae.
304.	<i>Homoeosoma calcellum</i> RAGONOT, 1887	-	-	-	+	-	+	-	?	VI-VII in 1 G	Steppes.
305.	<i>Homoeosoma sinuellum</i> FABRICIUS, 1794	-	+	-	+	-	+	-	-	V-VII in 1 G	Steppes. L: <i>Plantago</i> , <i>Chenopodium</i> .
306.	<i>Homoeosoma inustellum</i> RAGONOT, 1884	-	-	-	-	-	+	-	-	VI-VII in 1 G	Steppes, semideserts.
307.	<i>Homoeosoma nebulellum</i> DENIS & SCHIFFERMÜLLER, 1775	+	+	-	+	+	+	-	-	V-IX in 1 G	Agrocenoses, steppes, dry meadows. L: <i>Helianthus</i> *, <i>Carduus</i> <i>crispus</i> * and other Asteraceae.
308.	<i>Homoeosoma personata</i> GERASIMOV, 1930 (= <i>Ephestia parasitella</i> STAUDINGER, 1859)	-	-	-	-	+	-	-	-	4.X.1989	In populated areas in houses and storehouses. L: dried grape berries.
309.	<i>Patagonia dealbatella</i> ERSCHOFF, 1874	-	-	-	+	-	-	-	-	VI-VII in 1 G	Steppes.
310.	<i>Phycitodes albatella</i> RAGONOT, 1887	-	+	+	+	+	+	-	-	V, VII-VIII in 2-3 G	Dry meadows, steppes. L: <i>Solidago</i> , <i>Senecio</i> , <i>Crepis</i> .
311.	<i>Phycitodes lacteella</i> ROTHSCHILD, 1915	-	+	-	+	+	+	-	-	VII-VIII in 1 G	Steppes and wet mixed forests near the water. L: <i>Carduus</i> *.
312.	<i>Phycitodes binaevella</i> HÜBNER, 1813	+	+	+	-	+	+	-	-	VI-VIII in 1 G	Dry meadows and steppes, popu- lated areas. L: <i>Cirsium</i> , <i>Carduus</i> , <i>Aster</i> , <i>Artemisia</i> , <i>Chrysanthemum</i> .
313.	<i>Phycitodes saxicola</i> VAUGHAN, 1870	-	-	+	+	-	+	-	+	VII-VIII in 1 G	Dry meadows, populated areas. From the region ssp. <i>subbinaevella</i> RAGONOT, 1888 is known with LT: Sarepta. L: Aster and other Asteraceae.
314.	<i>Phycitodes maritima</i> TENGSTRÖM, 1848	-	+	-	+	-	+	-	-	VI-VIII in 1 G	Meadows, forest-steppe, steppes. L: <i>Senecio</i> , <i>Tanacetum</i> , <i>Achillea</i> .
315.	<i>Vitula biviella</i> ZELLER, 1848	-	-	-	-	+	-	-	-	VI-VII in 1 G	Pine forests. L: <i>Pinus</i> .
316.	<i>Plodia interpunctella</i> HÜBNER, [1813]	-	+	+	+	+	+	+	+	All the year round in 1-6 G	Storehouses, houses, confectioner- ies, mechanical bakeries, flour-mill- ing works, breweries, museums. L: grain, flour, pastries, dried fruits, food-stuffs, herbariums, zoological collections, bird nests litter.
317.	<i>Ephestia elutella</i> HÜBNER, 1796 (= <i>infumatella</i> RAGONOT, 1887)	-	+	+	+	+	+	+	-	II-XI in 2-4 G	Storehouses, houses, mills, food shops. L: as for previous species. Noted from Sarepta by REBEL (1901) as <i>Ephestia infumatella</i> RAGONOT with LT: Andalusia/ Dalmatia/Sarepta.

1	2	3	4	5	6	7	8	9	10	11	12
318. <i>Ephestia welseriella</i> ZELLER, 1848		-	-	-	+	-	-	-	-	VI-VIII in 1 G	Storehouses, houses L: onions.
319. <i>Ephestia kuehniella</i> ZELLER, 1879		-	+	-	+	+	+	+	-	V-X in 2-6 G	Mills, flour-milling works, store-houses, houses, food-shops. L: grain, flour, dried fruits and vegetables, nuts, almonds, pastries, rarely in insects collections and bird nests.
320. <i>Cadra cautella</i> WALKER, 1863		-	?	?	-	+	-	-	-	III-X in 1-3 G	Storehouses, confectioneries. L: dried fruits, nuts, pastries, garlic, rarely in bird nests.
321. <i>Cadra furcatella</i> HERRICH-SCHÄFFER, 1849		-	-	-	+	-	-	-	-	VI-VII in 1? G	Storehouses, houses. L: dried fruits.
322. <i>Cadra calidella</i> GUENÉE, 1845 (= <i>bizonella</i> RAGONOT, 1888)		-	-	?	-	-	-	-	-	VI-VII in 1 G	Storehouses, houses. L: <i>Ceratonia siliqua</i> , dried fruits, nuts, cork. LT for <i>bizonella</i> : Corsica or (and) Sarepta. Noted from Sarepta by REBEL (1901) as <i>Ephestia bizonella</i> .
additions											
323. <i>Raphimetopus incar-natella</i> RAGONOT, 1887		-	-	o	-	-	-	-	-	?	LT: Sarepta. No material at our disposal.
324. <i>Raphimetopus nitidi-costella</i> RAGONOT, 1887		-	-	o	-	-	-	-	-	?	LT: Sarepta. No material at our disposal.
325. <i>Thospia permixtella</i> RAGONOT, 1888		-	-	o	-	-	-	-	-	?	LT: Sarepta. No material at our disposal.
326. <i>Christophia ectypella</i> RAGONOT, 1888		-	-	o	-	-	-	-	-	?	LT: Sarepta. No material at our disposal.
327. <i>Khorassania imitatella</i> RAGONOT, 1893		-	-	o	-	-	-	-	-	?	LT: Sarepta. No material at our disposal.
328. <i>Pterothrixidia contextella</i> ZELLER, 1848		-	-	?	-	-	-	-	-	?	Noted from Sarepta and Ural by REBEL (1901). No material at our disposal.
34 26 64 89 46 66 0 39											
Pterophoridae											
329. <i>Agdistis adactyla</i> HÜBNER, 1819		+	-	+	+	+	+	-	+	bVII-bVIII in 1 G	Very common in southern steppes. L: <i>Artemisia campestris</i> , <i>Chenopodium</i> .
330. <i>Agdistis tamaricis</i> ZELLER, 1847		-	-	+	+	-	-	-	-	V-bVI in 1 G	Dry steppes. L: <i>Myricaria germanica</i> , <i>Tamarix</i> .
331. <i>Agdistis intermedia</i> CARADJA, 1920		-	-	-	+	-	-	-	o	VI, VIII in 2 G	LT: Uralsk. Rare in steppes. L: <i>Limonium gmelini</i> .
332. <i>Agdistis ingens</i> CHRISTOPH, 1887		-	+	+	+	-	-	-	+	VIII in 1 G	Dry steppe and semi-deserts.
333. <i>Agdistis frankeniae</i> ZELLER, 1847		-	-	+	-	-	-	-	+	IV-X in 2 G	Dry steppes. L: <i>Festuca ovina</i> .
334. <i>Agdistis manicata</i> STAUDINGER, 1859		-	-	-	+	-	-	-	+	VIII in 1 G	Very local. Dry steppes.

1	2	3	4	5	6	7	8	9	10	11	12
335.	<i>Gillmeria miantodactyla</i> ZELLER, 1841	-	-	-	+	-	+	-	-	VI in 1 G	Forest-steppe.
336.	<i>Gillmeria tetradactyla</i> LINNAEUS, 1758 (= <i>ochrodactyla</i> DENIS & SCHIFFERMÜLLER, 1775)	+	-	+	+	+	-	-	-	VI-VII in 1 G	Open places in forests. L: <i>Tanacetum vulgare</i> .
337.	<i>Gillmeria pallidactyla</i> HAWORTH, 1811	-	-	-	-	+	+	-	-	VI-VII in 2 G	Forest-steppe, forest edges, glades, meadows. L: <i>Achillea millefolium</i> , <i>Ptarmica salicifolia</i> .
338.	<i>Gillmeria armeniaca</i> ŽAGULAJEV, 1984	-	-	-	+	-	-	-	-	VI in 1 G	Very local and rare. Meadow-steppes. L: unknown.
339.	<i>Gillmeria macrornis</i> MEYRICK, 1930 (= <i>kerzhneri</i> ŽAGULAJEV, 1972)	-	-	-	+	-	+	-	-	eVI-mVII in 1 G	Rare in forest-steppe.
340.	<i>Platyptilia tesseradactyla</i> LINNAEUS, 1761	+	-	-	-	-	+	-	-	bVI-VII in 1 G	Leafbearing forests and forest- steppe. L: <i>Helichrysum arenarium</i> , <i>Antennaria dioica</i> .
341.	<i>Platyptilia gonodactyla</i> DENIS & SCHIFFERMÜLLER, 1775	+	-	-	+	+	+	+	-	VI in 1 G	Open places in forests. L: <i>Tussilago farfara</i> .
342.	<i>Platyptilia calodactyla</i> DENIS & SCHIFFERMÜLLER, 1775	-	-	-	+	-	+	-	-	VI-VIII in 1 G	Open glades in forests. L: <i>Solidago vulgaureae</i> , <i>Senecio nemorensis</i> .
343.	<i>Paraplatyptilia metzneri</i> ZELLER, 1841	-	-	-	+	-	-	-	-	VI-VIII in 1 G	Steppes. L: <i>Astragalus</i> .
344.	<i>Paraplatyptilia catharodactyla</i> GAJ, 1959	-	-	-	?	-	-	-	-	VII in 1 G	Dry steppes. L: unknown.
345.	<i>Cnaemidophorus rhododactylus</i> DENIS & SCHIFFERMÜLLER, 1775	-	-	+	-	-	-	-	-	VI-VIII in 1 G	Forest-steppe. L: <i>Rosa</i> .
346.	<i>Amblyptilia acantho- dactyla</i> HÜBNER, 1823	+	-	-	-	-	-	-	-	VI-VII in 1 G	Different types of biotope. L: polyphagous.
347.	<i>Amblyptilia punctidactyla</i> HAWORTH, 1811 (= <i>cosmodactyla</i> HÜBNER, [1819])	+	-	-	-	+	+	-	-	V-IX in 2 G	Was cited by E. as <i>Alucita Cosmodactyla</i> . Forest-steppe. L: <i>Stachys sylvatica</i> , <i>Salvia glutinosa</i> , <i>Geranium pratense</i> , <i>Aquilegia vulgaris</i> .
348.	<i>Marasmarcha colossa</i> CARADJA, 1920	-	-	-	-	+	-	+	-	V-VI in 1 G	Steppes.
349.	<i>Marasmarcha rhypo- dactyla</i> STAUDINGER, 1870	-	-	o	+	-	-	-	+	VI-VII in 1 G	LT: Sarepta. Steppes. L: unknown.
350.	<i>Marasmarcha samar- candica</i> GERASIMOV, 1930	-	-	-	-	-	-	-	+	VI in 1 G	Species of desert and semidesert biotopes.
351.	<i>Marasmarcha lunae- dactyla</i> HAWORTH, 1811	+	-	-	-	-	-	-	-	VII-VIII in 1 G	Was noted by E. as <i>Alucita Phaeodactyla</i> HBN. Forest-steppe. L: <i>Ononis</i> .

	1	2	3	4	5	6	7	8	9	10	11	12
352.	<i>Marasmarcha cinnamomea</i> STAUDINGER, 1870		-	+	o	-	-	-	+	mVI-bVII		LT: Sarepta. Very local and rare in steppes. L: <i>Glycyrrhiza</i> .
353.	<i>Stenoptilia pelidnodactyla</i> STEIN, 1837		+	-	-	+	?	+	-	-	V-VII in 1 G	Meadow-steppe biotopes on chalk hills. L: <i>Globalaria</i> , <i>Gentiana</i> , <i>Saxifraga</i> . Specific belonging needs rectification because the real <i>pelidnodactyla</i> is a mountain species (known from the Alpes).
354.	<i>Stenoptilia bipunctidactyla</i> Scopoli, 1763		-	-	-	+	+	-	-	eV-VI, VIII-IX in 2 G		Forest-steppe. L: <i>Scabiosa ochroleuca</i> , <i>Succisa</i> , <i>Galium mollugo</i> , <i>Scutellaria galericulata</i> .
355.	<i>Stenoptilia pterodactyla</i> LINNAEUS, 1761		+	-	-	+	+	+	-	-	VI-VIII in 1-2 G	Was listed by E. as <i>Alucita Ptilodactyla</i> . Forest-steppe. L: <i>Mentha</i> , <i>Veronica chamaedrys</i> .
356.	<i>Stenoptilia gratiolae</i> GIBEAUX & NEL, 1990 (= <i>paludicola</i> WALSINGHAM, 1859)		-	-	-	+	-	+	-	-	VI-VIII in 1 G	Forest-steppe. L: <i>Gratiola officinalis</i> .
357.	<i>Stenoptilia pneumonanthes</i> BUTTNER, 1880		-	-	-	-	-	+	-	-	VI-VII in 1 G	Forests. L: <i>Gentiana pneumonantha</i> .
358.	<i>Stenoptilia coprodactyla</i> STAINTON, 1855		-	-	-	+	-	-	-	-	V, VIII in 2 G	Forest-steppe. L: <i>Gentiana</i> .
359.	<i>Stenoptilia manni</i> ZELLER, 1852		-	-	-	+	-	+	-	-	eVI-mVII in 1 G	Not common in steppes.
360.	<i>Stenoptilia eborinodactyla</i> ZAGULAJEV, 1986		-	-	-	+	-	-	-	-	VII-bVIII in 1 G	Very local in meadow-stepped biotopes near the water (Chardym, 40 km N Saratov). L: unknown.
361.	<i>Stenoptilia stigmato-dactyla</i> ZELLER, 1852		-	-	-	-	-	+	-	-	bVIII in 1 G	Rare and local in dry forests.
362.	<i>Oxyptilus parvidactylus</i> HAWORTH, 1811		-	-	-	+	+	+	-	-	eV-VI, eVII-mVIII in 1-2 G	Forest-steppe and steppes. L: <i>Hieracium pilosella</i> , <i>H. vulgatum</i> .
363.	<i>Oxyptilus chrysodactylus</i> DENIS & SCHIFFERMÜLLER, 1775		-	-	-	+	+	+	-	-	VI in 1 G	Common, but local in steppes. and forest-steppe. L: <i>Hieracium umbellatum</i> , <i>Acroptilon</i> .
364.	<i>Oxyptilus pilosellae</i> ZELLER, 1841		-	-	-	+	-	+	-	-	VII-VIII in 1 G	Steppes. L: <i>Hieracium pilosella</i> .
365.	<i>Crombruggchia kollari</i> STAINTON, 1851		-	-	-	+	-	-	-	-	eVI-mVII in 1 G	Very rare in steppes.
366.	<i>Crombruggchia tristis</i> ZELLER, 1841		-	-	+	+	+	+	-	-	V-VI, mVII-VIII in 2 G	Very common in steppe biotops. L: <i>Hieracium</i> .
367.	<i>Crombruggchia distans</i> ZELLER, 1847		-	-	+	+	+	+	-	-	VII-VIII, IX in 2 G	Common in steppe biotops. L: <i>Hieracium pilosella</i> , <i>Acroptilon</i> .
368.	<i>Crombruggchia laetus</i> ZELLER, 1847		-	-	-	-	+	-	-	-	mV-eVI, eVII-VIII in 2 G	Local in dry steppes.

1	2	3	4	5	6	7	8	9	10	11	12	
369.	<i>Geina didactyla</i> LINNAEUS, 1758		+	-	+	+	+	+	-	VI-VII in 1 G	Common in forests. L: <i>Veronica officinalis</i> , <i>Geum urbanum</i> , <i>G. rivale</i> .	
370.	<i>Capperia trichodactyla</i> DENIS & SCHIFFERMÜLLER, 1775		-	-	-	+	+	-	-	? mVI-mVII, VIII in 1-2 G	Rare in steppes. L: <i>Leonurus</i> .	
371.	<i>Oidaematophorus litho- dactylus</i> TREITSCHKE, 1833		+	-	-	-	+	+	-	? VII-VIII in 1 G	Steppe biotopes. L: <i>Inula</i> , <i>Pulicaria</i> .	
372.	<i>Buckleria paludum</i> ZELLER, 1839		-	-	-	-	-	+	-	11.VI.199 7	Very rare and local on sphagnum bogs. Only one male is known. L: <i>Drosera</i> .	
373.	<i>Emmelina monodactyla</i> LINNAEUS, 1758		-	+	+	+	+	+	+	during all the year in 2-3 G	Very common everywhere. Imago of the last generation hibernates. L: polyphagous ( <i>Convolvulus</i> *).	
374.	<i>Hellinsia didactylites</i> STROEM, 1783 (= <i>scaro- dactylus</i> HÜBNER, 1813)		-	-	-	-	-	+	-	V-VIII in 1 G	Forest-steppe. L: <i>Hieracium</i> .	
375.	<i>Hellinsia lienigianus</i> ZELLER, 1852		-	-	+	+	+	+	-	-	V, VIII in 1-2 G	Steppes. L: <i>Artemisia vulgaris</i> , <i>A. campestris</i> , <i>Tanacetum</i> .
376.	<i>Hellinsia distinctus</i> HERRICH-SCHÄFFER, 1855		-	-	-	-	-	+	-	-	VII-VIII in 1 G	Forest-steppe. L: <i>Gnaphalium luteo-album</i> , <i>Artemisia absinthium</i> .
377.	<i>Hellinsia carphodactylus</i> HÜBNER, 1813		+	-	-	+	-	-	-	-	V-VII, VIII-IX in 2 G	Forest-steppe. L: <i>Carlina vulgaris</i> , <i>Inula conyza</i> .
378.	<i>Hellinsia inulae</i> ZELLER, 1852		-	-	-	+	+	+	-	-	VI, VIII in 1-2 G	Forest-steppe. L: <i>Inula britannica</i> * , <i>I. salicina</i> .
379.	<i>Hellinsia tephradactylus</i> HÜBNER, 1813		+	-	-	+	+	+	-	-	VII in 1 G	Was cited by E. as <i>Alucita Tephrodactyla</i> . Stepped biotops. L: <i>Astra</i> , <i>Solidago vulgareae</i> .
380.	<i>Hellinsia chrysocomae</i> RAGONOT, 1875		-	-	-	+	-	-	-	-	VII, VIII- IX in 2 G	Very local and rare in steppes. L: <i>Solidago vulgareae</i> , <i>Linosyris vulgaris</i> .
381.	<i>Hellinsia osteodactylus</i> ZELLER, 1841		-	-	+	+	+	+	-	+	VII in 1 G	Not common and very local in steppes, forest-steppe and humid forests. L: <i>Senecio nemorensis</i> , <i>Solidago vulgareae</i> , <i>Linosyris vulgaris</i> .
382.	<i>Hellinsia pectodactylus</i> STAUDINGER, 1859		-	-	-	+	-	-	-	-	V-VII, VIII-IX in 2 G	Steppes. L: <i>Solidago vulgareae</i> , <i>Linosyris vulgaris</i> .
383.	<i>Hellinsia trimmato- dactylus</i> CHRISTOPH, 1872		-	-	o	+	+	+	-	-	VI-mVII, VIII in 1-2 G	LT: Sarepta. Not common and very local in dry steppes. L: unknown.
384.	<i>Pselnophorus hetero- dactylus</i> MÜLLER, 1764		-	-	-	-	-	-	-	+	?	Was noted from Uralsk by ARENBERGER (1995).
385.	<i>Calyciphora nephelo- dactyla</i> EVERSMANN, 1844		+	-	o	-	-	-	-	-	VIII in 1 G	TL: Sarepta. Very local and rare in meadow-steppes. L: <i>Cirsium</i> .

	1	2	3	4	5	6	7	8	9	10	11	12
386.	<i>Calyciphora homoiiodactyla</i> KASY, 1960		-	-	+	-	+	+	-	-	V-VI in 1 G	Steppes. L: <i>Echinops</i> .
387.	<i>Porritia galactodactyla</i> DENIS & SCHIFFERMÜLLER, 1775		+	-	-	-	+	+	-	-	b-mVI in 1 G	Only few specimens are known from deciduous forest at Ulianovsk and Zhiguli. Also known from Kasan and Orenburg (ARENBERGER, 1995). L: <i>Arctium lappa</i> , <i>A. nemorosum</i> , <i>A. tomentosum</i> .
388.	<i>Wheeleria confusa</i> HERRICH-SCHÄFFER, 1855		-	-	+	-	-	-	-	-	VII in 1 G	Rare in forest-steppe. L: <i>Marrubium peregrinum</i> .
389.	<i>Wheeleria obsoleta</i> ZELLER, 1841		+	-	-	-	-	-	-	-	?	Probably, <i>W. confusa</i> was determined by E. under this species. <i>W. obsoleta</i> was noted by ARENBERGER (1995) from Orenburg.
390.	<i>Wheeleria phlomidis</i> STAUDINGER, 1870		-	-	o	+	-	-	-	+	VIII in 1 G	LT: Sarepta. Very rare in dry steppes. L: <i>Phlomides tuberosa</i> , <i>Phlomis pungens</i> .
391.	<i>Tabulaeaphorus marptys</i> CHRISTOPH, 1872		-	-	o	+	-	-	-	?	mV-mVI in 1 G	LT: Sarepta. Local and rare in steppes. L: unknown.
392.	<i>Merrifieldia calcaria</i> LEDERER, 1872		-	-	-	-	-	-	-	+	VII-VIII in 1 G	Steppes. L: ? <i>Artemisia</i> .
393.	<i>Merrifieldia leucodactyla</i> DENIS & SCHIFFERMÜLLER, 1775		+	-	-	-	-	-	-	+	V-VIII in 1 G	Was noted by E. as <i>Alucita Tetradactyla</i> . L: <i>Pulmonaria obscura</i> , <i>Origanum vulgare</i> , <i>Thymus</i> .
394.	<i>Merrifieldia baliodactyla</i> ZELLER, 1841		-	-	-	+	-	+	-	-	mVI-mVII in 1 G	Stepped biotopes and forest-steppe, local but not rare.
395.	<i>Merrifieldia malacodactyla</i> ZELLER, 1847		-	-	-	+	-	+	-	-	V-VIII in 1 G	Stepped biotops. L: <i>Origanum vulgare</i> .
396.	<i>Merrifieldia tridactyla</i> LINNAEUS, 1758 (= <i>fuscolimbata</i> DUPONCHEL, 1844)		-	-	-	-	-	+	-	+	VI-VIII in 1 G	Dry steppes. L: <i>Thymus serpyllum</i> , <i>Th. marchallianus</i> .
397.	<i>Pterophorus pentadactylus</i> LINNAEUS, 1758		+	-	+	+	+	+	-	-	eV-VI, VIII in 2 G	Very common in forests, forest-steppe and meadow-stepped biotops. L: <i>Convolvulus arvensis</i> * , <i>Calystegia sepium</i> .
398.	<i>Oirata volgensis</i> MOESCHLER, 1862		-	-	o	-	-	-	-	+	eV-VIII in 2 G	LT: Sarepta. Rare and extreme local in steppes (steep, hot, calcareous southern slope of hill according to NUPPONEN & AHOLA, 2001). L: <i>Rindera tetraspis</i> * (loc. cit.).
		18	3	22	42	26	36	3	18			
	Alucitidae											
399.	<i>Alucita hexadactyla</i> LINNAEUS, 1758		+	-	-	-	-	-	-	-	VI-VIII in 1 G	Forest-steppe. L: <i>Lonicera</i> . No material at our disposal; probably one of the following species was meant.

	2	3	4	5	6	7	8	9	10	11	12
400. <i>Alucita desmodactyla</i> Zeller, 1847	- - ?	- - - - -	VI in 1 G	Known only from one female with destroyed abdomen (leg. D. KOMAROV), therefore the specific identification has to be confirmed.							
401. <i>Pteropteryx dodecadactyla</i> HÜBNER, 1813	- - - - +	? - -	V, VII-VIII in 2 G	Forest-steppe. L: <i>Lonicera</i> .							
402. <i>Pteropteryx lonicericola</i> KUZNETSOV, 1978	- - - - +	- - -	30.VIII. 2002 ex l.	A single male collected in a forest-steppe is known. L: <i>Lonicera tatarica</i> * (leg. D. EVSTIGNEEV). First observation from Russia and Europe; formerly known only from Tadzhikistan.							
	1 0 1 0 2 1 0 0										
<b>Thyrididae</b>											
403. <i>Thyris fenestrella</i> SCOPOLI, 1763	+ - - + + + + -	VI-VII in 1 G	Was cited by E. as <i>Fenestrina</i> . Local in stepped meadows and forest-steppe. L: <i>Pulsatilla</i> *, <i>Clematis</i> .								
Total - 403	1 0 0 1 1 1 1 0	139 61 134 245 165 208 12 113									

As a result, 403 species belonging to 8 families are listed for the modern Volgo-Ural fauna of Pyrales et Pterophores. 264 species are recorded from the region in addition to EVERSMANN's list of 1844. At the same time, we cannot affirm that the species compositions of the Pyrales- and Pterophores-moths under this study is completely known now; moreover, we suppose some dozens species of moths will be added to the list in the nearest future, especially from desert and semidesert zones of the Lower Volga. Some alterations of the list would be also caused by taxonomic revisions and changes in the status of some taxa.

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